Contents Volume 338

R. Felipe and F. Ongay
Algebraic aspects of the discrete KP hierarchy 1

M. Minoux
Extension of MacMahon's Master Theorem to pre-semi-rings 19

A. Eisinberg, G. Franzé and N. Salerno
Rectangular Vandermonde matrices on Chebyshev nodes 27

X. Li
Is a Chebyshev method optimal for an elliptic region also optimal for a nearly elliptic region? 37

X. Li and Y. Wei
An improvement on the perturbation of the group inverse and oblique projection 53

A. Borobia and S. Dormido
Three coefficients of a polynomial can determine its instability 67

B. Ren and D.J. Meng
Some 2-step nilpotent Lie algebras I 77

R.L. Smith
On characterizing Z-matrices. 99

H. Nakazato and P. Psarrakos
On the shape of numerical range of matrix polynomials 105

Z. Lin and N.K. Bose
A generalization of Serre's conjecture and some related issues 125

P. Enflo, J. Kover and L. Smithies
Denseness for norm attaining operator-valued functions 139

X.M. Tang, C.G. Cao and X. Zhang
Modular automorphisms preserving idempotence and Jordan isomorphisms of triangular matrices over commutative rings 145

F.J. Hall, Z. Li and D. Wang
Symmetric sign pattern matrices that require unique inertia 153

F.D. Kronewitter
Using noncommutative Gröbner bases in solving partially prescribed matrix inverse completion problems 171

Table of Contents continues

Table of Contents continued

M. Bollhöfer
A robust ILU with pivoting based on monitoring the growth of the inverse factors 201

A. Melman
A two-step even–odd split Levinson algorithm for Toeplitz systems . 219

A. Seddik
The numerical range of elementary operators II 239

T. Britz
The inverse of a non-singular free matrix 245

E.B. Wiesner
Backward minimal points for bounded linear operators on finite-dimensional vector spaces 251

H. You and J. Chen
Generalized inverses of a sum of morphisms. 261

S.R. Mohan, S.K. Neogy and A.K. Das
More on positive subdefinite matrices and the linear complementarity problem. 275

C.R. Johnson and S. Furtado
A generalization of Sylvester's law of inertia. 287

Author index to volume 338 291

CONTENTS direct

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.com/locate/contentsdirect**